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09/17/54, 053

| Type | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition |
|------|------|-------------|----------------------------|--|---------------------|------------------|
| 1 | BRS | 283 | SCN and soybean | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/06 15:24 | |
| 2 | BRS | 5 | (SCN and soybean) and rhgl | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/05 17:07 | |
| 3 | IS&R | 0 | ("lightfoot.in.").PN. | USPAT | 2002/12/06 15:25 | |
| 4 | BRS | 5 | lightfoot.in. and soybean | USPAT | 2002/12/06 15:25 | |
| 5 | BRS | 67 | lightfoot.in. | USPAT | 2002/12/06 15:26 | |
| 6 | BRS | 67 | lightfoot.in. | USPAT | 2002/12/06 15:26 | |

L3 ANSWER 1 OF 8 AGRICOLA DUPLICATE 1
AN 2002:49861 AGRICOLA
DN IND23279457
TI Quantitative trait loci in two **soybean** recombinant inbred line
populations segregating for yield and disease resistance.
AU Yuan, J.; Njiti, V.N.; Meksem, K.; Iqbal, M.J.; Triwitayakorn, K.; Kassem,
M.A.; Davis, G.T.; Schmidt, M.E.; Lightfoot, D.A.
AV DNAL (64.8 C883)
SO Crop science, Jan/Feb 2002. Vol. 42, No. 1. p. 271-277
Publisher: Madison, Wis. : Crop Science Society of America, 1961-
CODEN: CRPSAY; ISSN: 0011-183X
NTE Includes references
CY United States; Wisconsin
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L3 ANSWER 2 OF 8 AGRICOLA DUPLICATE 2
AN 2002:39261 AGRICOLA
DN IND23272279
TI Physical mapping of resistant and susceptible **soybean** genomes
near the **soybean** cyst nematode resistance gene Rhg4.
AU Lewers, K.S.; Nilmalgoda, S.D.; Warner, A.L.; Knap, H.T.; Matthews, B.F.
AV DNAL (QH431.G452)
SO Genome, Dec 2001. Vol. 44, No. 6. p. 1057-1064
Publisher: Ottawa, Ontario, Canada : National Research Council of Canada.
CODEN: GENOE3; ISSN: 0831-2796
NTE Includes references
CY Canada; Ontario
DT Article
FS Non-U.S. Imprint other than FAO
LA English
SL French

L3 ANSWER 3 OF 8 AGRICOLA DUPLICATE 3
AN 2002:45277 AGRICOLA
DN IND23277590
TI 'Forrest' resistance to the **soybean** cyst nematode is bigenic:
saturation mapping of the Rhg1 and Rhg4 loci.
AU Meksem, K.; Pantazopoulos, P.; Njiti, V.N.; Hyten, L.D.; Arelli, P.R.;
Lightfoot, D.A.
AV DNAL (442.8 Z8)
SO Theoretical and applied genetics, Oct 2001. Vol. 103, No. 5. p. 710-718
Publisher: Berlin; Springer-Verlag
CODEN: THAGA6; ISSN: 0040-5752
NTE Includes references
CY West Berlin
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L3 ANSWER 4 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001:448139 BIOSIS
DN PREV200100448139
TI Evolution of resistance breakdown and gene evolution: **Soybean**
cyst nematode and rhg1.
AU Lightfoot, D. A. (1); Ruben, E. (1); Triwitakorn, K. (1); Aziz, J. (1);
Afzal, J. (1); Meksem, K. (1); Arelli, P. R.
CS (1) Soybean Center for Excellence, Dept. Plant Soil and Gen. Ag., So. IL
Univ., Carbondale, IL, 62901: ga4082@siu.edu, ga4082@siu.edu,
ga4082@siu.edu, ga4082@siu.edu, ga4082@siu.edu USA
SO Phytopathology, (June, 2001) Vol. 91, No. 6 Supplement, pp. S169. print.
Meeting Info.: Joint Meeting of the American Phytopathological Society,
the Mycological Society of America, and the Society of Nematologists Salt
Lake City, Utah, USA August 25-29, 2001
ISSN: 0031-949X.
DT Conference

LA English
SL English

L3 ANSWER 5 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001:448369 BIOSIS
DN PREV200100448369
TI Resistance to **soybean** cyst nematode: Bigenic inheritance and clustering with resistance to *Fusarium solani*.
AU Meksem, K. (1); Jamai, A. (1); Ruben, E. (1); Zobrist, K. (1); Triwitakorn, K. (1); Arelli, P.; Lightfoot, D. A. (1)
CS (1) So. Illinois Univ., Carbondale, IL, 62901 USA
SO Phytopathology, (June, 2001) Vol. 91, No. 6 Supplement, pp. S147. print.
Meeting Info.: Joint Meeting of the American Phytopathological Society, the Mycological Society of America, and the Society of Nematologists Salt Lake City, Utah, USA August 25-29, 2001
ISSN: 0031-949X.

DT Conference
LA English
SL English

L3 ANSWER 6 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001:448319 BIOSIS
DN PREV200100448319
TI Effect of the **rhg1** gene on life cycle of the **soybean** cyst nematode.
AU Li, Y. H. (1); Chen, S. Y. (1); Young, N. D. (1); Orf, J. H.
CS (1) Department of Plant Pathology, University of Minnesota, Saint Paul, MN, 55108 USA
SO Phytopathology, (June, 2001) Vol. 91, No. 6 Supplement, pp. S137-S138. print.
Meeting Info.: Joint Meeting of the American Phytopathological Society, the Mycological Society of America, and the Society of Nematologists Salt Lake City, Utah, USA August 25-29, 2001
ISSN: 0031-949X.

DT Conference
LA English
SL English

L3 ANSWER 7 OF 8 AGRICOLA DUPLICATE 4
AN 1999:76179 AGRICOLA
DN IND22010979
TI Selecting **soybean** cultivars for dual resistance to **soybean** cyst nematode and sudden death syndrome using two DNA markers.
AU Prabhu, R.R.; Njiti, V.N.; Bell-Johnson, B.; Johnson, J.E.; Schmidt, M.E.; Klein, J.H.; Lightfoot, D.A.
CS Southern Illinois University, Carbondale, IL.
AV DNAL (64.8 C883)
SO Crop science, July/Aug 1999. Vol. 39, No. 4. p. 982-987
Publisher: Madison, Wis. : Crop Science Society of America, 1961-
CODEN: CRPSAY; ISSN: 0011-183X
NTE Includes references
CY United States; Wisconsin
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L3 ANSWER 8 OF 8 AGRICOLA DUPLICATE 5
AN 2000:5537 AGRICOLA
DN IND22016600
TI Two simple sequence repeat markers to select for **soybean** cyst nematode resistance conditioned by the **rhg1** locus.
AU Cregan, P.B.; Mudge, J.; Fickus, E.W.; Danesh, D.; Denny, R.; Young, N.D.
CS USDA, ARS, Beltsville, MD.
AV DNAL (442.8 Z8)
SO Theoretical and applied genetics, Sept 1999. Vol. 99, No. 5. p. 811-818
Publisher: Berlin; Springer-Verlag
CODEN: THAGA6; ISSN: 0040-5752
NTE Includes references

CY West Berlin
DT Article
FS Non-U.S. Imprint other than FAO
LA English

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(FILE 'HOME' ENTERED AT 17:04:32 ON 05 DEC 2002)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 17:04:38 ON 05 DEC 2002

L1 383 S SCN AND SOYBEAN
L2 18 S L1 AND RHG1
L3 8 DUP REM L2 (10 DUPLICATES REMOVED)